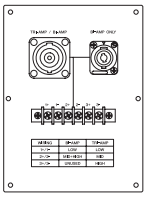
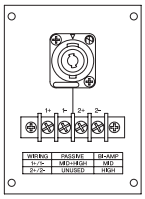
Installation Series

Speaker System

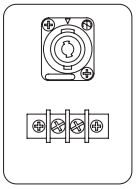
IF3115



IH2000



IL1115



Choose a three-way full-range system or separate mid/high and low-frequency units to match your system requirements.

IF3115 Three-way Speaker

- Sound and phase characteristics matched with all other Installation Series models.
- 15" low-frequency driver, 8" midrange driver, and 3" high-frequency compression driver with 1.4" exit.
- Two horn dispersion patterns available: 60° x 40° and 90° x 50°.
- Horn can be rotated 90-degrees for vertical or horizontal mounting.
- Switchable between bi-amp and tri-amp operation.
- Fifteen 10mm-screw suspension points (M10) provided for flexible rigging.
- Durable black or white finish (can be painted to match any interior).
- Optional matching array frame available.
- Parallel-wired Neutrik NL8 and barrier strip connectors.

IH2000 Mid/High Unit

- Sound and phase characteristics matched with all other Installation Series models.
- 8" midrange driver and 3" high-frequency compression driver with 1.4" exit.
- Two horn dispersion patterns available: 60° x 40° and 90° x 50°.
- Horn can be rotated 90-degrees for vertical or horizontal mounting.
- Switchable between passive and bi-amp operation.
- Fifteen 10mm-screw suspension points (M10) provided for flexible rigging.
- Durable black or white finish (can be painted to match any interior).
- Optional matching array frame and U-bracket available.
- Parallel-wired Neutrik NL4 and barrier strip connectors.

IL1115 Low-frequency Unit

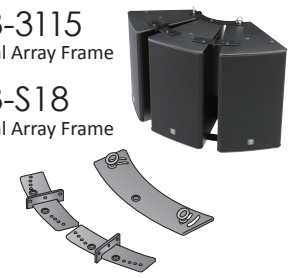
- Sound and phase characteristics matched with all other Installation Series models.
- 15" low-frequency driver.
- Thirteen 10mm-screw suspension points (M10) allow flexible rigging.
- Durable black or white finish (can be painted to match any interior).
- Optional matching array frame and U-bracket available.
- Parallel-wired Neutrik NL4 and barrier strip connectors.

OPTIONS

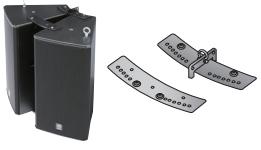
Accessories — Durable black or white finish, which can be painted to match any interior.

HAF3-3115
Horizontal Array Frame

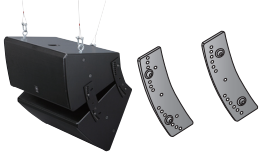
HAF3-S18
Horizontal Array Frame



HAF2-3115
Horizontal Array Frame



VAF2-3115
Vertical Array Frame



UB2000
U-Brackets
*available for IH2000 and IL1115

Download the Rigging Guide from Yamaha's website for rigging details:
http://www.yamahaproaudio.com/

GENERAL SPECIFICATIONS

Model			**IF3115/64**	**IF3115/ 95**
Nominal coverage @-6dB (Horizotal x Vertical)			60 x 40 (rotatable)	90 x 50 (rotatable)
Nominal impedance	**Bi-amp**	**LF**	8Ω	
		MF&HF	8Ω	
	Tri-amp	**LF**	8Ω	
		MF	8Ω	
		HF	8Ω	
Power rating *1	**Bi-amp**	**NOISE**	LF:700W, MF&HF:125W (2 hours, IEC)	
	LF/MF&HF	**PGM**	LF:1400W, MF&HF:250W (2 hours, IEC)	
		MAX	LF:2800W, MF&HF:500W (2 hours, IEC)	
	Tri-amp	**NOISE**	LF:700W, MF:125W, HF:110W	
	LF/MF/HF	**PGM**	LF:1400W, MF:250W, HF:220W	
		MAX	LF:2800W, MF:500W, HF:440W	
Sensitivity (1W, 1m)	**Bi-amp**	**LF**	97dB SPL	
		MF&HF	106dB SPL	
	Tri-amp	**LF**	97dB SPL	
		MF	106dB SPL	
		HF	110dB SPL	108dB SPL
Continuous SPL (calculated)	**Bi-amp**	**LF**	125dB SPL	
		MF&HF	127dB SPL	
	Tri-amp	**LF**	125dB SPL	
		MF	127dB SPL	
		HF	130dB SPL	128dB SPL
Peak SPL (calculated)	**Bi-amp**	**LF**	131dB SPL	
		MF&HF	133dB SPL	
	Tri-amp	**LF**	131dB SPL	
		MF	133dB SPL	
		HF	136dB SPL	134dB SPL
Components		**LF**	15" woofer, 4" voice coil	
		MF	Rotatable constant directivity horn, 2" voice coil, 8" driver	
		HF	Rotatable constant directivity horn, 1.4" exit, 3" voice coil compression driver	
Frequency range (-10dB) *2			45Hz-20kHz Tri-amp mode	
Passive Crossover Frequency *3			1.8kHz, MF/HF section in Bi-amp mode	1.9kHz, MF/HF section in Bi-amp mode
Connectors			1 x NL8, 1 x NL4 and barrier strip, wired in parallel	
Shape			30 degrees trapezoidal	
Dimensions (W x H x D)			610 x 1006 x 600mm (24.0" x 39.6" x 23.6")	
Weight			64.0kg (141.0lbs)	
Flying hardware			15 x M10	
Optional accessories			HAF2-2115, HAF3-3115, HAF3-S18, VAF2-3115	

*1 AES *2 Yamaha recommended DSP configuration, full-space *3 At this frequency, the transducers produce equal sound pressure levels.

Model			**IH2000/64**	**IH2000/95**	**IL1115**
Nominal coverage @-6dB (Horizotal x Vertical)			60 x 40 (rotatable)	90 x 50 (rotatable)	-
Nominal impedance	**Passive**		8Ω		
	Bi-amp MF/HF		MF:8Ω, HF:8Ω		-
Power rating *1	**Passive**	**NOISE**	125W (2 hours, IEC)		700W
		PGM	250W (2 hours, IEC)		1400W
		MAX	500W (2 hours, IEC)		2800W
	Bi-amp MF&HF	**NOISE**	MF:125W, HF:110W		-
		PGM	MF:250W, HF:220W		-
		MAX	MF:500W, HF:440W		-
Sensitivity (1W, 1m)	**Passive**		106dB SPL		97dB SPL
	Bi-amp	**MF**	106dB SPL		-
		HF	110dB SPL	108dB SPL	-
Continuous SPL (calculated)	**Passive**		127dB SPL		125dB SPL
	Bi-amp	**MF**	127dB SPL		-
		HF	130dB SPL	128dB SPL	-
Peak SPL (calculated)	**Passive**		133dB SPL		131dB SPL
	Bi-amp	**MF**	133dB SPL		-
		HF	136dB SPL	134dB SPL	-
Components		**LF**	-		15" woofer, 4" voice coil
		MF	Rotatable constant directivity horn, 2" voice coil, 8" driver		-
		HF	Rotatable constant directivity horn, 1.4" exit, 3" voice coil compression driver		-
Frequency range (-10dB) *2			200Hz-20kHz Bi-amp mode		45Hz-2.5kHz
Passive Crossover Frequency *3			1.8kHz	1.9kHz	-
Connectors			1 x NL4 and barrier strip, wired in parallel		
Shape			30 degrees trapezoidal		
Dimensions (W x H x D)			610 x 591 x 600mm (24.0" x 23.3" x 23.6")		610 x 591 x 600mm (24.0" x 23.3" x 23.6")
Weight			33.0kg (72.8lbs)		38.0kg (83.8lbs)
Flying hardware			15 x M10		
Optional accessories			UB2000, HAF2-3115, HAF3-3115, HAF3-S18, VAF2-3115		

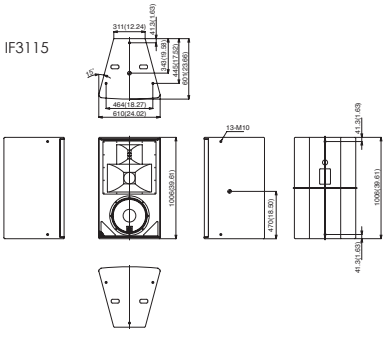
*1 AES *2 Yamaha recommended DSP configuration, full-space *3 At this frequency, the transducers produce equal sound pressure levels.

DIMENSIONS

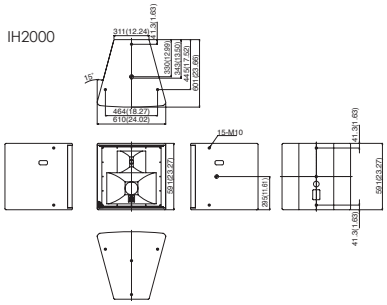
unit : mm (inch)

Center of balance

IF3115



IH2000



IL1115